



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Patent Application Of: Najaf-Zadeh et al.      Our File No: 18-47 US  
Application No: 10/647,320      Group Art Unit: 2644  
Filed: August 26, 2003      Examiner: Unknown  
Title: Bit Rate Reduction in Audio Encoders by  
Exploiting Inharmonicity Effects and Auditory  
Temporal

January 5, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450 U.S.A.

**Information Disclosure Statement  
- Under 37 CFR 1.97(e)(1)**

Sir:

Applicant submits herewith an Information Disclosure Statement (Form PTO-1449)  
and copies of references listed therein.

The documents listed in the IDS were cited in a Search Report mailed  
**December 18, 2003** from the European Patent Office in the corresponding European  
application not more than three months prior to the filing of this statement.

Respectfully submitted,

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Substitute form for form 1449A &amp; 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1

of 1

Complete if Known

|                      |                    |
|----------------------|--------------------|
| Application No.      | 10/647,320         |
| Filing Date          | August 26, 2003    |
| First Named Inventor | Najaf-Zadeh et al. |
| Group Art Unit       | 2644               |
| Examiner Name        | Unknown            |
| Attorney Docket No.  | 18-47 US           |

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O I P E  
U.S. TRADEMARK OFFICE**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or<br>Applicant of Cited<br>Document | Date of<br>Publication of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |
|-----------------------|--------------------------|----------------------|--------------------------------------|---|---|---|
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |   |   |   |
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**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document |                     |                                      | Name of Patentee<br>or Applicant of<br>Cited Document | Date of<br>Publication of<br>Cited<br>Document<br>MM-DD-YYYY | Pages, Columns,<br>Lines Where<br>Relevant Passages<br>or Relevant Figures<br>Appear | T <sup>6</sup> |
|-----------------------|--------------------------|-------------------------|---------------------|--------------------------------------|---|--|--|----------------|
|                       |                          | Office <sup>3</sup>     | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) |   |  |  |                |
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**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Include name of the author (in capital letters), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.       | T <sup>6</sup> |
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Examiner  
SignatureDate  
Considered

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.